

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	09/669,877
		Filing Date	09/27/2000
		First Named Inventor	Mills
		Group Art Unit	1745
		Examiner Name	Kalafut
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Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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First Named Inventor	Mills
Group Art Unit	1745
Examiner Name	Kalafut

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				Filing Date	09/27/2000
				First Named Inventor	Mills
				Group Art Unit	1745
				Examiner Name	Kalafut
Sheet	36	of	40	Attorney Docket Number	

— NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
		28. Mills et al., "Spectral Emission of Fractional Quantum Energy Levels of Atomic Hydrogen from a Helium-Hydrogen Plasma and the Implications for Dark Matter," <i>Int. J. Hydrogen Energy</i> , (2002), Vol. 27, No. 3, pp. 301–322. (Internet Publication Date: Aug. 1, 2001.)			
		27. Mills, et. al. "Spectroscopic Identification of a Novel Catalytic Reaction of Potassium and Atomic Hydrogen and the Hydride Ion Product", <i>International Journal of Hydrogen Energy</i> , Vol. 27, No. 2, (2002), pp. 183-192. (Internet Publication Date: January 11, 2002)			
		26. Mills, "BlackLight Power Technology-A New Clean Hydrogen Energy Source with the Potential for Direct Conversion to Electricity," <i>Proceedings of the National Hydrogen Association</i> , 12 th Annual U.S. Hydrogen Meeting and Exposition, Hydrogen: The Common			
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Examiner Signature			Date Considered		

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		18. Mills, "BlackLight Power Technology-A New Clean Energy Source with the Potential for Direct Conversion to Electricity," Global Foundation International Conference on "Global Warming and Energy Policy," Dr. Behram N. Kursunoglu, Chairman, Fort Lauderdale, FL,			
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		12. Mills et al., "Formation of a Hydrogen Plasma from an Incandescently Heated Hydrogen-Catalyst Gas Mixture with an Anomalous Afterglow Duration," Int. J. Hydrogen Energy, Vol. 26, No. 7, July, (2001), pp. 749-762. (Internet Publication Date: June 28, 2000.)			
		11. Mills et al., "Observation of Extreme Ultraviolet Hydrogen Emission from Incandescently Heated Hydrogen Gas with Strontium that Produced an Anomalous Optically Measured Power Balance," Int. J. Hydrogen Energy, Vol. 26, No. 4, (2001), pp. 309-326. (Internet Publication Date: June 27, 2000.)			
		10. Mills et al., "Synthesis and Characterization of Potassium Iodo Hydride," Int. J. of Hydrogen Energy, Vol. 25, Issue 12, December, (2000), pp. 1185-1203. (Internet Publication Date: Nov. 12, 2001.)			
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		4. Mills et al., "Fractional Quantum Energy Levels of Hydrogen," <i>Fusion Technology</i> , Vol. 28, No. 4, November, (1995), pp. 1697-1719. (Internet Publication Date: Nov. 1, 2001.)			
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		Mills Technologies. "1KW Heat Exchanger System." <i>Thermacore, Inc.</i> , Oct 11 1991, pp. 1-6			
		Mills Technologies. "1KW Heat Exchanger System." <i>Thermacore, Inc.</i> , April 17, 1992, pp. 1-6			
		Mills, "Classical Quantum Mechanics." <i>Physica Scripta</i> , submitted.			
		Mills, "The Grand Unified Theory of Classical Quantum Mechanics," (2001), Distributed by Amazon.Com.			
		Mills, et. al. "Excess Heat Production...Cold Fusion." <i>Fusion Technology</i> , Vol 20, Feb 1991, pp. 65-81.			
		Mills, et. al. <i>Fusion Technol.</i> Vol.20, 65 (1991). Internet Publication Date 4/11/01			
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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
		Mills, "Author's response 'A possible trick of Hydride atom', <i>International Journal of Hydrogen Energy</i> , Vol 26, 2001, p. 1225.			
		Mills, "BLACKLIGHT POWER TECHNOLOGY: A New Clean Energy Source with the Potential for Direct Conversion to Electricity," <i>International Conference on Global Warming and Energy Policy</i> , Ft. Lauderdale, Florida, November 26-28, 2000. Internet Publication 1/19/01			
		Mills, "Hydro catalysis Power Technology," <i>Statement of Dr. Randell L. Mills</i> , May, 1993.			
		Mills, "The Grand Unified Theory of Classical Quantum Mechanics," pp. 1-9			
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		Mills, "Author's response to 'Hydrino atom: novel chemistry or invalid physics', <i>International Journal of Hydrogen Energy</i> , Vol 26, 2001, pp. 1233.			
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		Mills, "Power Spectrum of the Cosmic Microwave Background" <i>BlackLight Power, Inc.</i> 2001.			
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ATTACHMENT A		Date(s)	Compensation Arrangements	Cash Payments Made	Options Issued	Shares Owned
AKHTAR (Employee)	Dr. Kamran	-	Employee Salary	-	EE Options Only	None
BALDWIN (NASA)	Dr. R.	-	-	-	None	None
BONIFACE (Chalk River Labs)	Dr. H.A.	-	-	-	None	None
BRADFORD (PSU Student)	Dr. Michael	9/13/1994	Ad Hoc/ One-time Only	9/13/1994	None	None
CHANG (Employee)	Dr. Zhixiang	-	Employee Salary	-	EE Options Only	None
CHEN (EE & Consultant)	Dr. Chun-Ku	6/1/04-5/31/05	\$50/hour	2/7/2005	EE Options Only	None
CHEN (Employee)	Dr. Xuemin	-	Employee Salary	-	EE Options Only	None
CLARK (INP Greifswald)	Dr. H.R.	-	-	-	None	None
CONRADS (INP Greifswald transferred agrmnt to Conrads)	Dr. Johannes	8/4/99-9/23/05	2 wire transfers	2/14/00 6/12/01	Options granted from 9/9/96 to 8/5/97; some options expired; some options exercised 9/7/06	Some options exercised 9/7/06
CRAIG	Dr. W.Y.	-	-	-	None	None
CRAW-IVANCO (Chalk River Labs)	Dr. M.T.	-	-	-	None	None
DAYALAN (Employee)	Dr. Ethirajulu	-	Employee Salary	-	EE Options Only	None
DHANDAPANI (Employee)	Dr. Bala	-	Employee Salary	-	EE Options Only	None
DONG (EE & Consultant)	Dr. Jinquan	7/30/03-1/31/04 2/1/04-7/31/04 11/16/04-5/1/505	\$35/hour \$45/hour \$45/hour	2/28/02 8/20/03	EE Options Only	None
ECHEZURIA (Employee)	Alejandra	-	Employee Salary	-	EE Options Only	None
FRALICK (Semitech)	Dr. G.C.	-	-	-	None	None
FUELLING (U Nevada)	Dr. Stephan	-	-	-	None	None
GAMBERALE	Luca	-	-	-	None	None
GERNERT (Thermacore)	Dr. N.J.	-	-	-	None	None
GOOD (EE & Officer)	William	-	Employee Salary	-	EE & Officer Options Issued Beginning 9/1/92	Shares Owned Beginning 1991

GREENIG (EE & Consultant)	Nelson	11/1/01-10/31/02 11/1/02-10/31/03 3/8/04-3/7/05 3/8/05-3/7/06 3/8/06-3/7/07 3/8/07-3/7/08	\$50/hour \$50/hour \$50/hour \$50/hour \$50/hour \$50/hour	7/19/95 4/27/01 10/14/02	EE Options Only	None
HALDEMAN (MIT Lincoln Labs)	Dr. C.W.	-	-	-	None	None
HE (Employee)	Dr. Jiliang	-	Employee Salary	-	EE Options Only	None
HICKS (Employee)	Steven	-	Employee Salary	-	EE Options Only	None
HILBORN (Chalk River Labs)	Dr. J.W.	-	-	-	None	None
ISELER (MIT Lincoln Labs)	Dr. G.W.	-	-	-	None	None
JACOX (INEL)	Dr. Michael	-	-	-	Options granted 9/9/96 to 3/3/97; all options expired	None
JANSSON (Rowan U)	Dr. Peter M.	6/10/02-10/31/02 (contract)	\$100 \$10	10/17/97 12/31/2002	None	Purchased shares 7/2/97; gifted to ex-wife and son 5/1/07
KNEIZYS	S.	-	-	-	None	None
KRYUKOV (Moscow Power Engineering Institute)	Dr. A.P.	-	-	-	None	None
KURTZ (PSU)	Dr. Stewart	-	-	-	Options granted 9/9/96 to 11/8/02; some expired	None
LEE (U of Ohio)	Dr. Jang-Jung	-	-	-	None	None
LU (EE & Consultant)	Dr. Ying	8/6/01 5/9/03-5/16/03 5/27/03-5/30/03 5/30/03-6/30/03 7/1/03-7/31/03 8/1/03-1/30/04	\$100/hour \$80/hour \$80/hour \$45/hour \$45/hour \$45/hour	10/01/01 5/23/03	EE Options Only	None
MARCHESE (Rowan U)	Dr. Anthony J.	6/10/02-10/31/02 (contract)	\$10 non-material	12/31/2002	None	None
MAYO (EE & Consultant)	Dr. Robert	6/8/01-8/8/01	\$50/hour	7/23/2001	EE Options Only	None
MEYERS (NASA)	Dr. I.	-	-	-	None	None
MILLER (Lehigh U)	Dr. Alfred	-	\$250	6/12/1997	Options granted 9/9/96 to 3/3/97; all options expired	None

MILLS (EE & Director)	Dr. Randell		Employee Salary	-	EE & Director Options Issued Beginning 9/9/96	Shares Owned Beginning 1991
NANSTEEL (EE & Consultant)	Dr. Mark W.	3/30/05-3/29/06 3/30/06-3/29/07 3/30/07-8/31/08	\$80/hour \$80/hour \$80/hour	8/24/2005	EE Options Only	None
NESTEROV (Moscow Power Engineering Institute)	Dr. S.B.	-	-	-	None	None
NIEDRA (NASA)	Dr. J.	-	-	-	None	None
NONINSKI (Brookhaven)	Dr. V.	-	-	-	None	None
ONUMA (Employee)	Dr. Takeyoshi	-	Employee Salary	-	EE Options Only	None
PACIFICORP		-	-	-	Options granted 4/7/97 to 4/27/98; some options expired	Purchased shares 9/20/96 & 7/2/97; transferred all shares to ScottishPower Ventures, Inc. 6/21/07
PETERSON (Westinghouse)	Dr. S.H.	-	-	-	None	None
PHILLIPS (PSU,UNM,LANL)	Dr. Jonathan	2/1/96-1/31/97 1/1/97-4/30/97 3/15/00-3/18/00 10/8/01-4/8/02 4/8/02-10/8/02 10/9/02-10/8/03 10/9/03-10/8/04 10/9/04-10/8/05 10/9/05-10/8/06 10/9/06-10/807	\$100/hour Options Only \$5,000 \$125/hour \$125/hour \$125/hour \$100/hour \$100/hour \$100/hour \$100/hour	4/26/95 5/9/00	Options granted 9/9/96-1/14/06; some options exercised	Some options exercised 9/1/06 & 2/20/07
RAY (Employee)	Dr. Paresh	-	Employee Salary	-	EE Options Only	None
SANKAR (EE & Consultant)	Dr. Jayasree	3/17/03-3/16/04 3/22/04-3/21/05	\$50/hour \$50/hour	-	EE Options Only	None
SAVOYE (MIT Lincoln Labs)	Dr. G.W.	-	-	-	None	None
SCHARER (U Wisconsin)	Dr. John	1/5/05-1/4/06 1/5/06-1/4/07 1/5/07-1/4/08	\$800/day \$100/hour \$110/hour	11/14/2005	None	None
SCHMALZEL (Rowan U)	Dr. John L.	6/10/02-10/31/02 (contract)	\$10 non-material	12/31/2002	None	None
SHANNON (Employee)	Tina	-	Employee Salary	-	EE Options Only	None
SHAUBACH (Thermacore)	Dr. R.M.	-	-	-	None	None
SIMMONS (Lehigh U)	Dr. G.	-	-	-	None	None
TREMBLAY (Chalk River Labs)	Dr. R.P.	-	-	-	None	None

TURNER (<i>Spectral Data</i>)	Dr. Gary L.	-	-	-	None	None
VOIGT (<i>EE & Consultant</i>)	Dr. Andreas	8/27/04-8/26/05	\$50/hour	-	EE Options Only	None
WATTS (<i>INEL</i>)	Dr. K.D.	-	-	-	None	None
WEISMANN	Dr. H.	-	-	-	None	None
WIESMANN	Dr. H.	-	-	-	-	-
WRUBEL (<i>INP Greifswald</i>)	Dr. Th.	-	-	-	None	None
ZEA (<i>Employee</i>)	Dr. Hugo	-	Employee Salary	-	EE Options Only	None

ATTACHMENT B**MASTER LIST OF CITED AND SUBMITTED DOCUMENTS**

U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
Code ^w Number	Kind (if known)		
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Letter from Senator Jon S. Corzine to The Honorable Todd Q. Dickinson with attachments, August 2, 2001 (see Attachment O)

Letter from Senator Max Cleland to Ms. Jane Cooksey with attachments, March 24, 2000 (see Attachment O)

Letter from Senators Max Cleland and Ron Wyden to Chairman Patrick Leahy, December 20, 2001 (see Attachment O)

Letter from Senators Max Cleland and Ron Wyden to The Honorable Donald L. Evans, December 20, 2001 (see Attachment O)

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<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>OCT 30 2007 (use as many sheets as necessary)</p> <p>TRADE MARK SEARCHED SEARCHED INDEXED INDEXED FILED FILED</p>		<i>Complete if Known</i>	
		Application Number	09/669,877
		Filing Date	September 29, 2000
		First Named Inventor	Mills
		Group Art Unit	1754
		Examiner Name	Langel
Attorney Docket Number			
Sheet 1	of 2	62-226-1EL	

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS			
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U.S. PATENT DOCUMENTS

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		Number	Kind Code ² (if known)			
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		Gernert, et. al. "Anomalous Heat From Atomic Hydrogen in Contact with Potassium Carbonate." Thermacore, Inc.	
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¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known	
		Application Number	09/669,887
		Filing Date	September 27, 2000
		First Named Inventor	Mills
		Group Art Unit	Unknown
Examiner Name	Unassigned		
Sheet	7	of	8
		Attorney Docket Number	
		62-231-1EL	

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Letters

Letter from Shelby T. Brewer to The Honorable James E. Rogan, December 21, 2001 and PTO response from Jason C. Roe, April 24, 2002 (see Attachment A)	C (ALL) <input checked="" type="checkbox"/>
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Letter from Jeffrey S. Melcher to Ms. Esther Kepplinger, February 28, 2000 (see Attachment G)	<input checked="" type="checkbox"/>
Internet Discussion Forum, "Two Brand New Papers out at BLP's "What's New" page," message No. 7191 on Hydrino Study Group, http://groups.yahoo.com/group/hydrino/message/7191 , September 27, 2003 (see Attachment H)	<input checked="" type="checkbox"/>
Internet Discussion Forum, "Even Skeptics can lose Objectivity," message No. 7410 on Hydrino Study Group, http://groups.yahoo.com/group/hydrino/message/7410 , October 27, 2003 (see Attachment H)	<input checked="" type="checkbox"/>
Internet Discussion Forum, "Two Competing Views of Reality Engage in a Battle for Total Control of Our Physics Paradigm," Hydrino Study Group, http://www.hydrino.org (see Attachment H)	<input checked="" type="checkbox"/>
Internet Discussion Forum, "Zimmerman's APS Centennial Meeting Talk," Transcript from Tom Stolper, November 10, 2003 (see Attachment H)	<input checked="" type="checkbox"/>
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Letter from Senator Ron Wyden to The Honorable Todd Q. Dickinson with attachments, April 5, 2000 (see Attachment O)	/
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